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INTERNATIONAL SEARCH REPORT

42449

International Application No
PCT/GB2004/000104

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K9/72 A61K39/39

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 02/43705 A (UNIV FLORIDA) 6 June 2002 (2002-06-06)</p> <p>page 3, line 35 - page 4, line 14 page 4, line 17 - line 39 page 5, line 11 - line 27 page 11, line 45 - page 12, line 38 page 13, line 8 - line 21 page 13, line 25 - page 14, line 6 examples claims</p> <p style="text-align: center;">----- -/-</p>	<p>1,2, 6-11, 14-17</p>

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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G document member of the same patent family

Date of the actual completion of the international search

2 June 2004

Date of mailing of the international search report

16/06/2004

Name and mailing address of the ISA

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Epskamp, S

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national Application No

JT/GB2004/000104

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EYLES J E ET AL: "Protection studies following bronchopulmonary and intramuscular immunisation with Yersinia pestis F1 and V subunit vaccines coencapsulated in biodegradable microspheres: a comparison of efficacy" VACCINE, BUTTERWORTH SCIENTIFIC. GUILDFORD, GB, vol. 18, no. 28, August 2000 (2000-08), pages 3266-3271, XP004205869 ISSN: 0264-410X	1-11, 14-17
Y	abstract paragraphs '02.2!', '02.3! paragraph '0004!	1-17
X	EYLES J E ET AL: "Analysis of local and systemic immunological responses after intra-tracheal, intra-nasal and intra-muscular administration of microsphere co-encapsulated Yersinia pestis sub-unit vaccines" VACCINE, BUTTERWORTH SCIENTIFIC. GUILDFORD, GB, vol. 16, no. 20, 1 December 1998 (1998-12-01), pages 2000-2009, XP004138449 ISSN: 0264-410X	1-11, 14-17
Y	abstract page 2001, right-hand column, last paragraph - page 2002, left-hand column, paragraph 1 page 2002, right-hand column, last paragraph page 2003, right-hand column, paragraph 5 page 2008, right-hand column	1-17
Y	WO 01/70200 A (SECR DEFENCE ; ALPAR HAZIRE OYA (GB); EYLES JAMES EDWARD (GB); WILLIAM) 27 September 2001 (2001-09-27) page 4, line 14 - page 5, line 3 examples claims	1-17
X	WILLIAMSON E D ET AL: "Local and systemic immune response to a microencapsulated sub-unit vaccine for plague" VACCINE, BUTTERWORTH SCIENTIFIC. GUILDFORD, GB, vol. 14, no. 17, 1 December 1996 (1996-12-01), pages 1613-1619, XP004016821 ISSN: 0264-410X abstract page 1614, left-hand column, paragraph 4 - right-hand column, paragraph 4	1-11, 14-17
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>EYLES J E ET AL: "Microsphere translocation and immunopotential in systemic tissues following intranasal administration"</p> <p>VACCINE, BUTTERWORTH SCIENTIFIC. GUILDFORD, GB, vol. 19, no. 32, 14 September 2001 (2001-09-14), pages 4732-4742, XP004303168</p> <p>ISSN: 0264-410X</p> <p>abstract</p> <p>paragraph '02.4!</p> <p>-----</p>	<p>1-11, 14-17</p>

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0243705	A	06-06-2002	AU 3060902 A	11-06-2002
			US 2002159954 A1	31-10-2002
			WO 0243705 A2	06-06-2002
WO 0170200	A	27-09-2001	AU 3940701 A	03-10-2001
			CA 2399695 A1	27-09-2001
			EP 1265598 A1	18-12-2002
			WO 0170200 A1	27-09-2001
			JP 2003527413 T	16-09-2003